



# UNITED STATES PATENT AND TRADEMARK OFFICE

*cen*

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/536,526	11/16/2005	Laurent Demia	979-140	7108

39600 7590 06/11/2007  
SOFER & HAROUN LLP.  
317 MADISON AVENUE, SUITE 910  
NEW YORK, NY 10017

EXAMINER
----------

ALLI, IYABO

ART UNIT	PAPER NUMBER
----------	--------------

2877

MAIL DATE	DELIVERY MODE
-----------	---------------

06/11/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## DETAILED ACTION

### *Response to Arguments*

Applicant's arguments, see Applicant's Remarks on page 5-7, filed December 18, 2006, with respect to claim 1 have been fully considered and are persuasive. The 102(b) rejection of claim 1 has been withdrawn.

### *Allowable Subject Matter*

1. Claims **1-20** are allowed.
2. The following is an examiner's statement of reasons for allowance:

Claimed limitation in independent claim 1 in reference to 'the lines connecting each trace of these beams on disc forming a center angle In the center of the disc called a nonzero second angle ( $\alpha$ ) was not found in discloses Foreign reference **FR 2740216** or in any of the claimed prior art cited on the 892 form.

**As to claim 1**, the prior art of record, taken alone or in combination, fails to disclose or render obvious said sector is one reflecting sector of said planar face with a centre angle called a first angle ( $\gamma$ ) of between about 45 and 225 degrees and the lines connecting each trace of these beams on disc forming a centre angle in the centre of the disc called a nonzero second angle as clearly shown, in combination with the rest of the limitations of the claim.

Reference **2002/0003206** discloses an emitter positioned to direct electromagnetic energy, such as infrared or visible light, to the side of the code wheel where the pattern is located.

However, it fails to disclose the limitations cited above in claim 1.

Claims 2-20 are dependent from allowable claim 1, and there for are allowable also.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to IYABO S. ALLI whose telephone number is 571-270-1331. The examiner can normally be reached on M-Th 7:30am- 5:00pm; 1st F-OFF & 2nd F- 7:30-4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Toatley can be reached on 571-272-2059. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2877

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

IYABO S. ALLI  
Examiner  
Art Unit 2877  
June 4, 2007

